

Methods for analysis of dried milk and dried milk products

Confirmed
November 2011

Co-operating organizations

The Dairying Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

Association of Public Analysts*	National Farmers Union
Chemical Society	National Institute for Research in Dairying*
Commonwealth Bureau of Science & Technology	Office of the High Commissioner for Australia*
Dairy & Ice Cream Equipment Association	Office of the High Commissioner for New Zealand*
Dairy Engineers' Association	Royal Association of British Dairy Farmers*
Hannah Dairy Research Institute*	Royal Institute of Public Health & Hygiene
Milk Distributive Council*	Royal Society for the Promotion of Health*
Milking Machine Manufacturers Association	Scottish Milk Marketing Board
Milk Marketing Board*	Scottish Milk Trade Federation
Milk Marketing Board for Northern Ireland*	Society of Chemical Industry
Ministry of Agriculture, Fisheries & Food	Society of Dairy Technology*
Ministry of Health*	United Kingdom Dairy Association*
Ministry of Technology — Laboratory of the Government Chemist*	University of Reading*
National Association of Creamery Proprietors & Wholesale Dairymen*	West of Scotland Agricultural College

The Government departments and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this standard:

Association of British & Dominion Condensed Milk Manufacturers	Ice Cream Alliance Ltd.
Association of British Manufacturers of Milk Powder	Ice Cream Federation Ltd.
Association of Butter Makers, Blenders and Packers	Joint Committee of the Milk Marketing Board and the Milk Distributive Council
British Food Manufacturing Industries Research Association	London Provision Exchange
	Ministry of Agriculture, Government of Northern Ireland
	Society for Analytical Chemistry

This British Standard, having been approved by the Dairying Industry Standards Committee and endorsed by the Chairman of the Chemical Divisional Council, was published under the authority of the General Council on 19 July 1968

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First published May 1951
First revision July 1968

The following BSI references relate to the work on this standard:
Committee reference DAC/3
Draft for comment 66/20540

ISBN 580 00254 3

Amendments issued since publication

Amd. No.	Date of issue	Comments
3334	September 1980	
3909	January 1982	
5420	December 1986	
6154	December 1990	Indicated by a sideline in the margin

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Foreword

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 4000, fully indexed and with a note of the contents of each, will be found in the British Standards Yearbook. The BS Yearbook may be consulted in many public libraries and similar institutions.

This standard makes reference to the following British Standards:

BS 684, *Methods of analysis of oils and fats*.

BS 769, *Methods for the chemical analysis of butter*.

BS 846, *Burettes and bulb burettes*.

BS 950, *Artificial daylight for the assessment of colour*.

BS 1743, *Methods for analysis of dried milk and dried milk products*.

BS 1743-1, *General introduction, including preparation of laboratory Samples*.

BS 2648, *Performance requirements for electrically-heated laboratory drying ovens*.

BS 3978, *Water for laboratory use*.

This British Standard, prepared under the authority of the Dairying Industry Standards Committee, is a revision of the edition first published in 1951 and is one of a series of British Standard methods for the analysis of dairy products.

The method of determination of fat is based on work recently carried out within the International Organization for Standardization (ISO). It should be noted that although the method is entirely satisfactory for use with dried whole milk, some difficulty may be experienced with dried powders having a very high fat content.

A method for the determination of solubility index is in course of preparation and will take account of inter-laboratory work carried out in co-operation with the Association of British Manufacturers of Milk Powder. This revision is being issued in anticipation of the development of a suitable method, in order that the other tests shall be available in an up-to-date form. A further revision with the amended title "*Methods for analysis of dried milk and dried milk products*" is in course of preparation and will be published in separate Parts. The 1968 edition will be withdrawn after all the Parts of the current revision which collectively supersede it have been published.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.